

Plans

storage management group



- storage manager on-duty (SMOD)
- priority staging
- pnfs
- alarm tool integrated with dashboard
- SRM
- others

SMOD

- continuous effort
 - dCache, staging, dashboard, nagios, ganglia, RT, eLog, Panda mover
- learn by facing the problems
- documentation (how-to, procedures...)
- ... to have free time besides operations

<https://webdocs.racf.bnl.gov/docs/documentation-by-service-name/dcache/usatlas/operations/storage-manager-on-duty>

Priority staging

- HSM component
- dCache-HPSS interaction
- web service
- priority info / callback
- Apr-May

pnfs

- pnfs (Apr-May)
 - spread vacuum
 - tweak some database settings
 - PostgreSQL 64-bit
 - 48G RAM (...)

- Chimera (May-July)
 - installation, stress test, evaluate (May)
 - how to migrate (fast)
 - plan deployment or schedule move of pnfs to SSDs

- <https://webdocs.racf.bnl.gov/docs/documentation-by-group/storage-management-group/project/pnfs-load>

alarm tool

- status
- only timeouts for files on disk
- integration: dCache admin
- report & fix
- integration: RT, eLog

- <https://webdocs.racf.bnl.gov/docs/documentation-by-service-name/dcache/usatlas/operations/atlas-dashboard>

SRM

- stress test scenarios
- failure scenarios
- profiling
- monitoring
- Apr-...

- <https://webdocs.racf.bnl.gov/docs/documentation-by-group/storage-management-group/project/srm-profiling>

others

- gridFTP 64-bit JVM (yesterday)
- resilient dCache (Apr-May)
- space token/pool/machine review (QoS)
- cost module
- tools to overcome limitations/bugs/issues/ unexpected/administration burden

- retire dCache from all acas nodes
 - 1st week of July